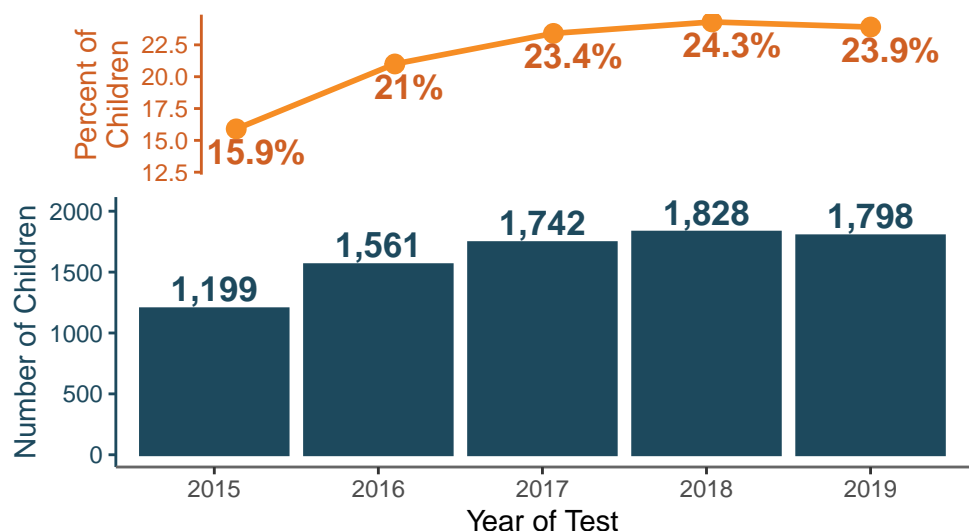


2019 LEAD EXPOSURE DATA BRIEF FOR THE STRAFFORD COUNTY REGION

Lead poisoning is entirely preventable. However, nearly 1 million children living in the United States have blood levels high enough to impair their ability to think, learn, and concentrate.

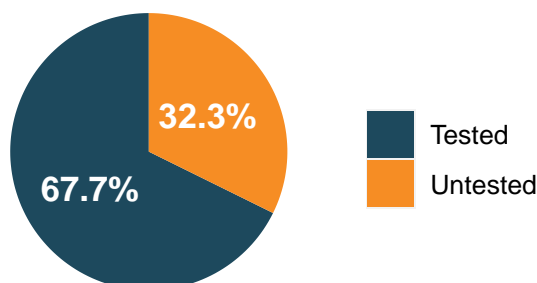
In 2019, 67 children (0 – 72 months old) in the Strafford County Region were identified with elevated blood lead levels of 5 ug/dL or higher.

Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the Strafford County Region 2015 – 2019



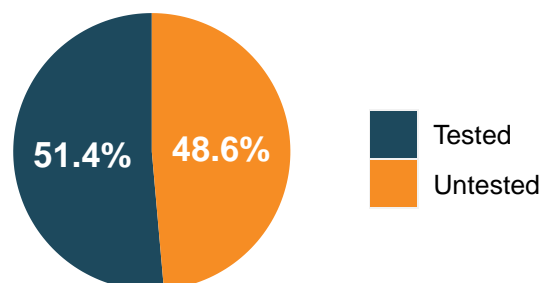
Percent of Children Tested per New Hampshire Screening and Management Guidelines

Percent of One-Year-Old Children Tested for Blood Lead



In 2019, 67.7% of one year-old (12–23 month-old) children residing in the Strafford County Region were tested for lead in their blood (850 of an estimated 1,256 children).

Percent of Two-Year-Old Children Tested for Blood Lead



In 2019, 51.4% of two year-old (24–35 month-old) children residing in the Strafford County Region were tested for lead in their blood (632 of an estimated 1,230 children).

In 2018, New Hampshire passed a state law requiring providers to conduct blood lead level tests for all one and two year-old children.

Childhood Lead Exposure by Town, 2019

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2019	PERCENT TESTED (%) 2019	NUMBER WITH EBLL 5+ ug/dL 2019 ONLY	NUMBER WITH EBLL 5+ ug/dL 2015–2019	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2015–2019
BARRINGTON	0 to 72	628	140	22	1 – 4	14	1 – 4
	12 to 23	110	66	60	1 – 4	9	1 – 4
	24 to 35	95	65	68	1 – 4	1 – 4	0
DOVER	0 to 72	2028	520	26	20	81	11
	12 to 23	331	237	72	7	35	6
	24 to 35	321	182	57	5	18	1 – 4
DURHAM	0 to 72	174	52	30	1 – 4	1 – 4	1 – 4
	12 to 23	27	27	100	1 – 4	1 – 4	1 – 4
	24 to 35	27	20	74	0	0	0
FARMINGTON	0 to 72	484	103	21	8	41	9
	12 to 23	90	41	46	1 – 4	17	5
	24 to 35	67	40	60	1 – 4	15	1 – 4
LEE	0 to 72	259	49	19	0	1 – 4	0
	12 to 23	31	19	61	0	1 – 4	0
	24 to 35	45	26	58	0	1 – 4	0
MADBURY	0 to 72	122	24	20	0	1 – 4	0
	12 to 23	16	9	56	0	1 – 4	0
	24 to 35	13	13	100	0	1 – 4	0
MIDDLETON	0 to 72	129	14	11	0	0	0
	12 to 23	23	10	44	0	0	0
	24 to 35	16	1 – 4	Supp.	0	0	0
MILTON	0 to 72	303	61	20	1 – 4	13	1 – 4
	12 to 23	48	28	58	1 – 4	1 – 4	0
	24 to 35	56	21	38	1 – 4	6	0
NEW DURHAM	0 to 72	146	29	20	0	1 – 4	0
	12 to 23	24	14	58	0	1 – 4	0
	24 to 35	27	10	37	0	0	0
ROCHESTER	0 to 72	2000	493	25	23	157	29
	12 to 23	355	249	70	10	62	15
	24 to 35	355	152	43	1 – 4	46	7
ROLLINSFORD	0 to 72	154	40	26	1 – 4	1 – 4	0
	12 to 23	19	18	95	1 – 4	1 – 4	0
	24 to 35	24	15	62	0	1 – 4	0
SOMERSWORTH	0 to 72	895	211	24	7	50	7
	12 to 23	149	99	66	1 – 4	27	1 – 4
	24 to 35	145	66	46	1 – 4	7	1 – 4
STRAFFORD	0 to 72	209	62	30	0	7	1 – 4
	12 to 23	33	33	100	0	1 – 4	1 – 4
	24 to 35	39	19	49	0	1 – 4	0
STRAFFORD COUNTY	0 to 72	7531	1798	24	67	382	60
	12 to 23	1256	850	68	28	167	31
	24 to 35	1230	632	51	15	101	12

Childhood blood lead test data is from the NH Healthy Homes Childhood Lead Poisoning Prevention Program. Elevated blood lead levels (EBLL) 5+ ug/dL is defined as a venous or capillary blood test with a result of 5 micrograms per deciliter (ug/dL) or higher. Exact numbers or percents cannot be reported when there are 1–4 cases due to suppression guidelines to protect privacy.

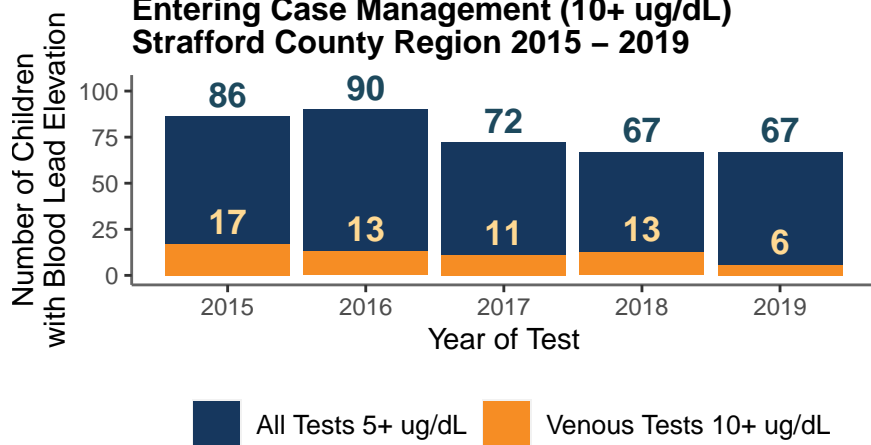
Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	RENTED HOUSING UNITS W/ CHILDREN UNDER 6 YO PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
BARRINGTON	8.4	15	2.4	4	0	0
DOVER	6.5	28	6.5	50	20.9	1.4
DURHAM	2.5	20	10	23	3	1.2
FARMINGTON	7.3	33	4.9	42	4.2	0
LEE	4	14	7.1	0	0	0
MADBURY	8.1	10	2.2	23	0	2.6
MIDDLETON	5.4	11	4.5	59	7.4	0
MILTON	6.4	33	0.5	34	0	0
NEW DURHAM	6.9	19	1.4	0	0	0
ROCHESTER	6	26	2.5	43	29.8	6.5
ROLLINSFORD	5.8	38	2.5	32	0	4.1
SOMERSWORTH	7.1	34	7.5	59	25.3	4.3
STRAFFORD	5.8	27	3.7	6	0	0
STRAFFORD COUNTY	6	26	4.9	39	15.9	2.6

Risk factor data is from the American Community Survey (ACS), 5-Year Estimate Data (2014–2018). Percent of renters with children under 6 yo was calculated from housing units with known occupancy status and known age of occupants. Under 6 yo living below federal poverty level was calculated from the number of children in households with income less than the federal poverty level for whom poverty status was determined. Note, percentages for smaller towns may have a large error.

Childhood Lead Exposure

Annual Number of Children 0 to 72 Months Old with Test Above the National Reference Level (5+ ug/dL) or Entering Case Management (10+ ug/dL) Strafford County Region 2015 – 2019



It only takes a speck of lead dust the size of a grain of salt to poison a child

Number of Children 0 to 72 Months Old with Elevated Blood Lead Levels 5+ ug/dL by Town (or Census Tract) in the Strafford County Region, 2015–2019

